AMENDMENTS TO THE SPECIFICATION:

Please amend the as-filed specification of the above-identified application as follows:

At pages 5 and 6 of the as-filed specification, please replace the paragraph beginning on page 5, line 36 and ending on page 6, line 15 with the following replacement paragraph:

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In a first aspect, the present invention thus relates to a cable including at least one core comprising at least one transmissive element and at least one coating layer made from a coating material, wherein the coating material comprises:

- at least a first polyethylene having a density not higher than 0.940 g/cm^3, preferably not lower than 0.910 g/cm^3, more preferably of between 0.915 g/cm^3 and 0.938 g/cm^3, and a Melt Flow Index (MFI), measured at 190°C with a load of 2.16 Kg according to ASTM D1238-00 standard, of between ~~0.05 g/10' and 2 g/10'~~0.05 g/10 min and 2 g/10 min, preferably of between ~~0.1 g/10' and 1 g/10'~~0.1 g/10 min and 1 g/10 min, said first polyethylene being obtained from a waste material;

- at least a second polyethylene having a density higher than 0.940 g/cm^3, preferably not higher than 0.970 g/cm^3, more preferably of between 0.942 g/cm^3, and 0.965 g/cm^3.

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At pages 6 and 7 of the as-filed specification, please replace the paragraph beginning at page 6, line 18 and ending on page 7, line 11 with the following

replacement paragraph:

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According to a further aspect, the present invention also relates to a process for producing a cable including at least one core comprising at least one transmissive element and at least one coating layer made from a coating material, said process comprising the steps of:

- providing at least a first polyethylene having a density not higher than 0.940 g/cm^3, preferably not lower than 0.910 g/cm, more preferably of between 0.915 g/cm^3 and 0.938 g/cm^3, and a Melt Flow Index (MFI), measured at 190°C with a load of 2.16 Kg according to ASTM D1238-00 standard, of between ~~0.05 g/10' and 2 g/10'~~0.05 g/10 min and 2 g/10 min, preferably of between ~~0.1 g/10' and 1 g/10'~~0.1 g/10 min and 1 g/10 min, in a subdivided form, said first polyethylene being obtained from a waste material;

- providing at least a second polyethylene having a density higher than 0.940 g/cm^3, preferably not higher than 0.970 g/cm^3, more preferably of between 0.942 g/cm^3 and 0.965 g/cm^3, in a subdivided form;

- conveying at least one core comprising at least one transmissive element into an extruding apparatus comprising a housing and at least one screw rotatably mounted into said housing, said housing including at least a feed hopper and at least a discharge opening;

- feeding said first and second polyethylenes to said extruding apparatus;

- melting and mixing said first and second polyethylenes in said extruding apparatus to form a homogeneous mixture;

- filtering said mixture;

- depositing said mixture onto said core comprising at least one transmissive element so as to obtain the coating layer.

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At page 8 of the as-filed specification, please replace the paragraph beginning at line 25 and ending at line 29 with the following replacement paragraph:

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According to one preferred embodiment, said second polyethylene has a Melt Flow Index (MFI), measured at 190°C with a load of 2.16 Kg according to ASTM D1238-00 standard, of between ~~0.05 g/10' and 2 g/10'~~0.05 g/10 min and 2 g/10 min, preferably of between ~~0.1 g/10' and 1 g/10'~~0.1 g/10 min and 1 g/10 min.

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